

SAMUEL S. MURRAY, MD

VA Greater Los Angeles Healthcare System
Sepulveda & West Los Angeles Division
Geriatric, Research, Education, Clinical Ctr.
Staff Physician

UCLA
David Geffen School of Medicine
Division of Geriatrics
Associate Clinical Professor in Residence

Primary Research Interests:

- Bone Growth Factors (Bone Morphogenetic Proteins)
- Dietary Restriction and Skeletal Metabolism
- Osteoblast Differentiation
- Regulated Intracellular Proteolysis in Osteoblasts

Primary Research Methodologies:

- Basic sciences

Primary Teaching Activities:

- Osteoporosis
- Excessive use of medications in the elderly
- Proper use of data from clinical trials

Current Aging-related Research Interests:

- Biology of Aging
- Body Composition
- Organ Specific & Systemic Disorders

Current Research and Training Grants in Aging:

- Dietary restriction and skeletal metabolism
- Bone Growth Factors

Recent Publications:

- Murray, S.S.; Tu, K.N.; Young, K.L. and Murray, E.J.B. The Effects of Lovastatin on Proteasome Activity in Osteoblastic Cells. *Metabolism* 51:1153-1160, 2002.
- Murray, S.S.; Duarte, M.E.L. and Brochmann, E.J. The Effects of Dietary Restriction on Humeral and Mandibular Bone in SENCAR, C57BL/6, and DBA/2 Mice. *Metabolism* 52:970-977, 2003.
- Brochmann, E.J.; Duarte, M.E.; Zaidi, H.; and Murray, S.S. Effects of Dietary Restriction on Total Body, Femoral, and Vertebral Bone in SENCAR, C57BL/6 and DBA/2 Mice. *Metabolism* 52:1265-1273, 2003.

Clinical Work:

- Staff Physician, Sepulveda VA Medical Center
- Staff Physician, Olive View-UCLA-LA County Medical Center